



Economic Contribution of the Mississippi Professional Pest Management Industry to the Mississippi Economy

The professional pest management industry (PPMI) is a vital part of the Mississippi economy and a primary stakeholder group of the Mississippi State University Extension Urban Entomology Program. In addition to supporting a substantial portion of businesses and industries in the Mississippi economy by striving to minimize losses from pests, the industry is also an economic driver. The Mississippi Pest Control Association, which represents stakeholders in the Mississippi PPMI, requested that the Mississippi State University Extension Service estimate the economic contribution of the PPMI and gauge its position as an economic driver in the state.

This publication provides estimates regarding the size and contribution of the Mississippi PPMI to the state economy and compares it to other southeastern states. An IMPLAN-based input-output model of the 2023 Mississippi economy and the most recently published data regarding the state's PPMI were used to arrive at model estimates. Estimation results for the industry's total (direct and multiplier-based) impact are provided, followed by a summary and conclusions.

Input-Output Model Use

Input-output models analyze the economic relationships or linkages among major sectors of the economies. An IMPLAN-based model of the Mississippi economy in 2023 served as the basis of our work. Input-output models provide estimates of the economic impact of a given event or industry (through contribution analysis). In contribution analysis, the impact of a specific industry, the PPMI in this case, is based on the multiplier effect of the spending and re-spending triggered by that industry.

To determine the contribution of the PPMI to the Mississippi economy, we first estimated the industry's size. Reported employment data were used as the starting point for estimating the economic contribution of the exterminating and pest control services industry (North American Industrial Classification System number 56171) to the state's economy using fourth-quarter data and annual data for 2023 as reported in the Quarterly Census of Employment and Wages (QCEW) report. Annual data indicated that covered employment was 1,500 jobs with a total payroll of \$70,197,405 (average annual pay of \$46,798) for 208 establishments.

In the IMPLAN model, the pest control industry is a major component of the services to buildings industry (number 458). Based on the 2023 IMPLAN model for Mississippi, the average output value (revenue) per worker for this industry was \$79,676. This result is lower than those reported for the Georgia (\$102,213 and \$116,482) and Tennessee (\$111,820) pest control industries (see References section), but we believe this number is reasonable given the differences in the states' economies. We applied the reported 2023 employment of 1,500 to arrive at an estimated total revenue of \$119,514,000 for QCEW reporting establishments.

However, while accounting for most activity, QCEW does not account for establishments without covered employees. To account for such proprietors, we used estimates for the number of pest control industry establishments (157) and revenue (\$5,919,000) from non-employer statistics provided by the U.S. Census Bureau for 2022. We converted these values into 2023 estimates by adjusting the per-establishment revenue estimates based on the gross domestic price deflator and by applying the growth rate from 2022 to 2023 (1.46%) in the number of establishments reporting employment (i.e., the QCEW data) to the number of non-employer establishments. We arrived at an estimated 159 establishments with no employees and \$6,210,381 in revenue. Adding these estimates to the QCEW-based estimates, we arrived at an estimated 367 total establishments (208 with hired workers and 159 without), 1,659 workers (including the self-employed), and industry revenue of \$125,723,761. The latter value provided our estimate of industry size used in the contribution analysis of the Mississippi PPMI to the state economy.

Study Results

The economic contribution of the Mississippi PPMI to the state economy is substantial, as shown in Table 1 and Figures 1–4. Estimated direct employment of 1,659 leads to a total economic contribution to state employment of 2,213 jobs, while \$37,432,806 in direct labor income leads to a total economic contribution for labor income of \$62,338,208. In terms of gross state product, \$47,088,445 in value-added activity (the value that was added to intermediate goods imported into the state) leads to a total value-added economic contribution of \$93,604,384. Finally, direct output

of \$125,723,761 leads to a total output economic contribution of \$215,558,146.

Economic multipliers are total impacts divided by direct impacts for the variable in question. In terms of output, \$1,000 in direct spending, or output “sales” by the Mississippi PPMI, leads to an impact of \$710 in the rest of the state economy (i.e., the output multiplier is 1.71). The industry’s labor income of \$1,000 has a total impact of \$1,670 on labor income and \$1,990 on gross state product. Finally, one direct job in the industry led to 1.33 total jobs (the job itself plus 0.33 jobs in other parts of the state economy).

In addition, the PPMI contributes substantially to the public tax revenues that enable local, state, and federal governments to provide public goods and services to their residents. The industry contributes an estimated \$2,239,406 to local governments (including \$427,779 to municipalities, \$1,066,441 to special taxing districts such as school districts, and \$85,186 to county governments), \$5,300,503 to the Mississippi state government, and \$13,577,503 to the federal government.

Table 1. Estimated impact of exterminating and pest control services (NAICS 56171) to the Mississippi economy.

Type	Employment	Labor Income	Gross State Product	Output
Direct	1,659	\$37,432,806	\$47,088,445	\$125,723,761
Indirect	347	\$15,915,685	\$27,466,470	\$56,694,659
Induced	206	\$8,989,717	\$19,049,469	\$33,139,726
Total	2,213	\$62,338,208	\$93,604,384	\$215,558,146
Multiplier	1.33	1.67	1.99	1.71

Direct effects describe sales (output) to customers and the employment, labor income, and value-added (gross state product) that are attributable to those sales.

Indirect effects are the transactions that occur between industries (business-to-business sales). An example would be a professional pest management company purchasing office supplies from a local (in-state) office supply store, electricity from the local utility, or chemicals from a local distributor.

Induced effects include employee (household) purchases such as healthcare from a local hospital or doctor’s office, clothes from a local clothing store, or food from a local grocery store or restaurant.

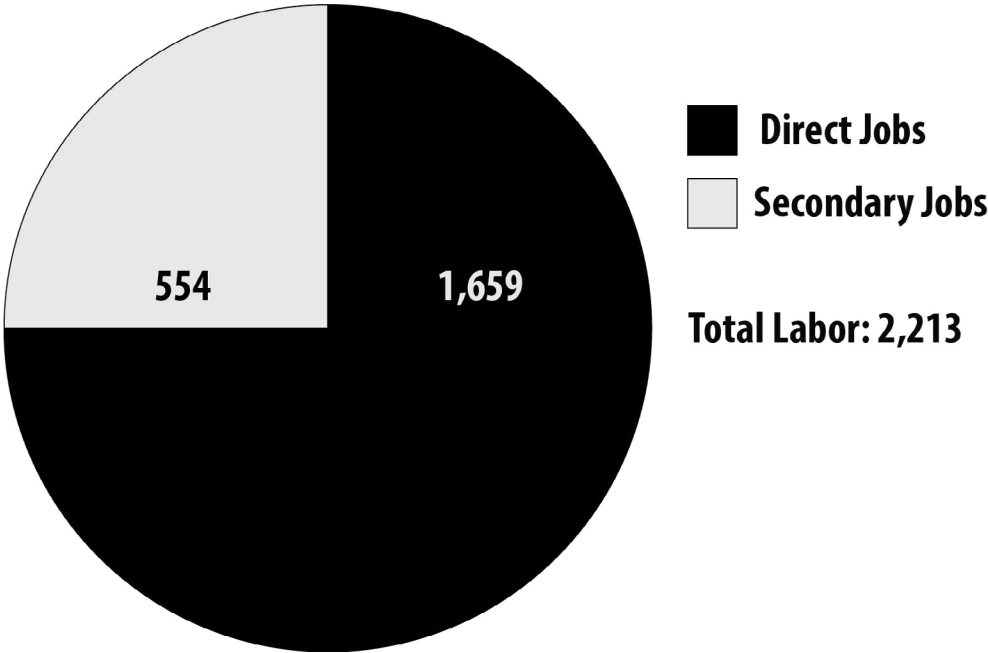


Figure 1. Estimated impact of the Mississippi professional pest management industry to Mississippi employment.

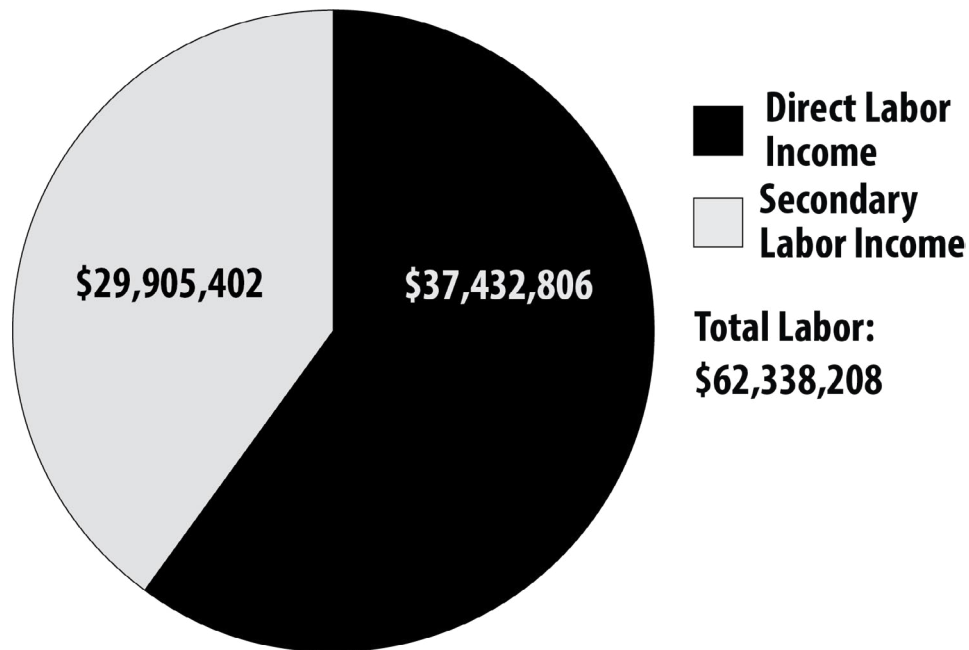


Figure 2. Estimated impact of the Mississippi professional pest management industry to Mississippi labor income.

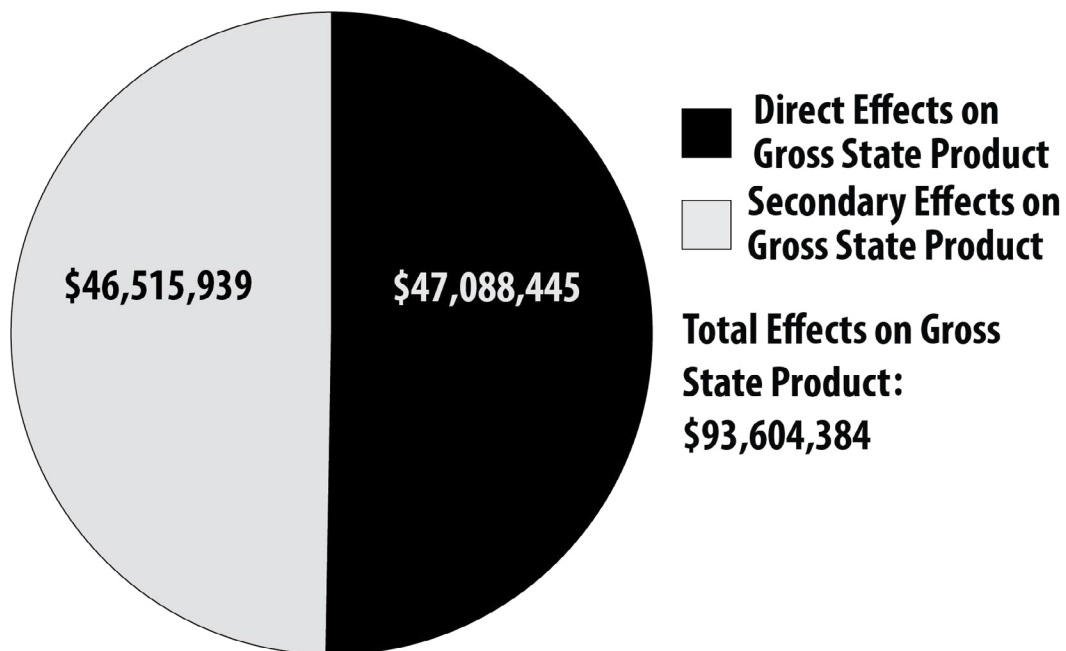


Figure 3. Estimated impact of the Mississippi professional pest management industry to Mississippi gross state product.

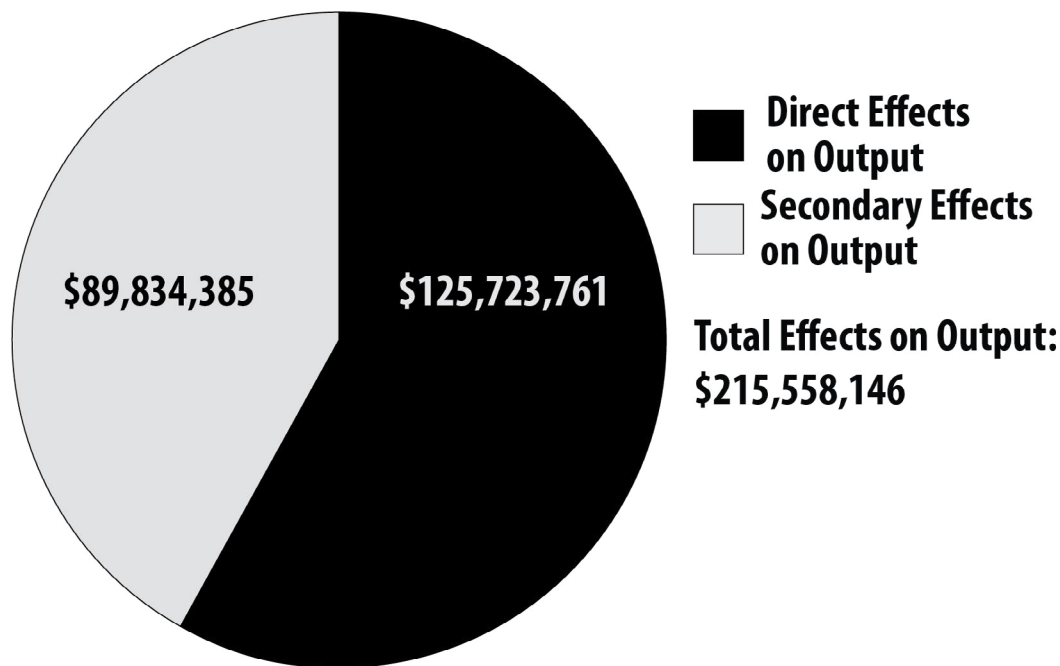


Figure 4. Estimated impact of the Mississippi professional pest management industry to Mississippi output.

We compared our results to the reported contribution of agriculture to the Mississippi economy for 2022. Focusing on output, the impact of the Mississippi PPMI, at \$215.6 million, is comparable to that found for several vital components of the agricultural economy, including beef cattle (\$282 million), fruit and vegetable production (\$109 million), other livestock/dairy (\$25 million), cotton farming (\$630 million), and other crop production (\$56 million).

The economic impact on specific selected sectors of the Mississippi economy is outlined in Table 2. Output impacts are concentrated in other real estate (\$6.5 million); employment services (\$6.1 million); owner-occupied housing (\$4.6 million); retail—motor vehicle and parts dealers (\$2.9 million); management of companies and enterprises (\$2.7 million); commercial and industrial machinery and equipment repair and maintenance (\$2.7 million); petroleum refineries (\$2.2 million); insurance agencies, brokerages, and related services (\$1.9 million); and wireless telecommunications carriers except satellite (\$1.9 million). Employment impacts were concentrated in employment services (74.0 jobs); other real estate (35.6 jobs); commercial and industrial machinery and equipment repair and maintenance (24.0 jobs); full-service restaurants (17.5

jobs); warehousing and storage (16.6 jobs); limited-service restaurants (15.7 jobs); retail—motor vehicle and parts dealers (14.9 jobs); management of companies and enterprises (12.7 jobs); and general consumer goods retail except video tapes and discs (11.1 jobs).

Major labor income impacts were found in employment services (\$2.2 million); management of companies and enterprises (\$1.3 million); and commercial and industrial machinery and equipment repair and services (\$1.2 million). Impacts on gross state product were concentrated in owner-occupied housing (\$4.0 million); employment services (\$3.1 million); other real estate (\$2.6 million); retail—motor vehicle and parts dealers (\$2.0 million); management of companies and enterprises (\$1.6 million); monetary authorities and depository credit intermediation (\$1.5 million); and commercial and industrial machinery and equipment repair and maintenance (\$1.4 million). Impacts in sectors such as restaurants and retail reflected spending by households supported by working in the PPMI, while impacts in sectors such as employment services and management of companies and enterprises were due to purchases by the industry.

Table 2. Sectors with relatively large estimated effects due to spending by the Mississippi pest control industry. Results are sorted by output.

IMPLAN Industry Sector and Title	Output	Employment	Labor Income	Gross State Product
458 - Services to buildings	\$125,723,761	1,659.0	\$37,432,806	\$47,088,445
429 - Other real estate	\$6,474,875	35.6	\$898,343	\$2,622,085
454 - Employment services	\$6,072,810	74.0	\$2,170,232	\$3,056,484
431 - Owner-occupied housing	\$4,554,081	0.0	\$0	\$4,017,875
385 - Retail – Motor vehicle and parts dealers	\$2,880,298	14.9	\$956,403	\$2,042,693
451 - Management of companies and enterprises	\$2,746,442	12.7	\$1,291,172	\$1,592,285
497 - Commercial/industrial mach/equip repair/ maint	\$2,671,014	24.0	\$1,214,342	\$1,426,706
423 - Monetary authorities/depository credit intermediation	\$2,569,059	7.6	\$601,333	\$1,517,545
146 - Petroleum refineries	\$2,216,439	0.2	\$55,394	\$399,990
427 - Insurance agencies, brokerages, and related activities	\$1,902,901	7.1	\$388,472	\$777,138
416 - Wireless telecommunications carriers (exc satellite)	\$1,871,602	1.0	\$57,457	\$523,075
498 - Personal and household goods repair/maintenance	\$1,784,575	9.2	\$405,188	\$984,537
42 - Electric power transmission and distribution	\$1,673,238	1.2	\$157,509	\$651,132
492 - Limited-service restaurants	\$1,569,445	15.7	\$346,009	\$649,623
399 - Truck transportation	\$1,538,259	8.2	\$420,047	\$626,368
472 - Hospitals	\$1,534,772	8.2	\$652,592	\$793,099
404 - Warehousing and storage	\$1,510,529	16.6	\$892,272	\$945,972
491 - Full-service restaurants	\$1,505,864	17.5	\$449,104	\$753,229
433 - General/consumer goods rental exc video tapes/discs	\$1,501,347	9.9	\$457,396	\$819,496
426 - Insurance carriers, except direct life	\$1,476,351	3.0	\$178,055	\$658,154
465 - Offices of physicians	\$1,297,778	8.7	\$838,872	\$810,615

We compared our results to those for the pest control contribution studies conducted for Georgia and Tennessee. We averaged the two industry contribution analysis results reported for Georgia to arrive at the following results: 14,308 jobs, \$618.2 million in labor income, \$935.4 million in gross state product, and \$1.874 million in output. Our results for Mississippi amounted to 14.8% of Georgia's employment impact, 10.1% of labor income impact, 10.0% of gross state product impact, and 11.5% of output impact. These results are not surprising, given these differences:

- The Mississippi economy is 18.2% of the size of Georgia's.
- Georgia's economy is distributed widely through the northern two-thirds of the state, while Mississippi's is primarily concentrated in three relatively small geographic

areas (Memphis Metropolitan Statistical Area, Jackson Metropolitan Statistical Area, and Mississippi Gulf Coast).

- Georgia's population is almost four times that of Mississippi's.

Compared to the Tennessee analysis (7,358 jobs, \$354,686,332 in labor income, \$534,510,745 in gross state product, and \$1,029,122,359 in output), our results for Mississippi amounted to 30% of Tennessee's employment impact, 17.6% of the labor income impact, 17.5% of the gross state product impact, and 20.9% of the total output impact. Again, these results are not surprising given that:

- The Mississippi economy is 28.9% that of Tennessee's.
- Tennessee's economy is distributed throughout the entire state, with six metropolitan statistical areas (Memphis-Forrest City; Jackson-Brownsville; Nashville-

Davidson-Murfreesboro; Chattanooga-Cleveland-Dalton; Knoxville-Morristown-Sevierville; and Johnson City-Kingsport-Bristol).

- Tennessee's population is almost 2.5 times that of Mississippi's.

Summary and Conclusions

The economic contribution of the Mississippi PPMI to the state economy is substantial, as indicated by the over \$215 million in output. We estimated that the industry contributed 2,213 full- and part-time jobs earning \$62 million (an average of \$28,169 per job). The PPMI contributed over \$93 million to gross state product, a measure of the industry's value to the Mississippi economy. In addition, the industry also contributes substantially to public revenue (taxes) across all three levels of government, with over \$2.2 million to local governments, over \$5.3 million to the state government, and over \$13.5 million to the federal government.

We compared our results to reported contributions of agriculture to the Mississippi economy. We found that the pest control industry's influence (\$215 million) is similar to that of some of the state's most important agricultural commodities, including beef cattle (\$282 million), fruit and vegetable production (\$109 million), cotton farming (\$603 million), other livestock/dairy (\$25 million), and other crop production (\$56 million).

Table 2 presents the industries that are most influenced by the PPMI (in terms of the magnitude of output), and the appendix presents the influence that the industry has on all industries in the economy.

We compared the economic contribution of the Mississippi PPMI with that of Georgia and Tennessee. While smaller than the contribution found for these states, the values reported for Mississippi are comparable, especially given the smaller size of the state's economy.

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Appendix

Estimated economic contribution of the professional pest management industry to various economic sectors.

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
1	Oilseed farming	\$2,647	0.0	\$651	\$1,775
2	Grain farming	\$21,179	0.1	\$3,394	\$2,201
3	Vegetable and melon farming	\$28,745	0.3	\$10,733	\$18,621
4	Fruit farming	\$3,206	0.1	\$2,693	\$3,074
5	Tree nut farming	\$727	0.0	\$967	\$713
6	Greenhouse, nursery, and floriculture production	\$9,149	0.1	\$2,710	\$5,449
7	Tobacco farming	\$0	0.0	\$0	\$0
8	Cotton farming	\$1,636	0.0	\$307	\$546
9	Sugarcane and sugar beet farming	\$0	0.0	\$0	\$0
10	All other crop farming	\$10,364	0.4	\$2,327	\$4,458
11	Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming	\$7,284	0.1	\$3,374	\$4,138
12	Dairy cattle and milk production	\$406	0.0	\$78	\$133
13	Poultry and egg production	\$93,830	0.1	\$4,845	\$15,960
14	Animal production, except cattle and poultry and eggs	\$23,042	0.5	\$14,344	\$22,600
15	Forestry, forest products, and timber tract production	\$675	0.0	\$512	\$598
16	Commercial logging	\$3,803	0.1	\$3,463	\$3,565
17	Commercial fishing	\$4,122	0.0	\$413	\$4,098
18	Commercial hunting and trapping	\$2,263	0.0	\$374	\$2,134
19	Support activities for agriculture and forestry	\$8,101	0.2	\$7,435	\$7,692
20	Oil and gas extraction	\$212,766	0.4	\$13,023	\$36,156
21	Coal mining	\$5,189	0.0	\$268	\$3,035
22	Copper, nickel, lead, and zinc mining	\$0	0.0	\$0	\$0
23	Iron ore mining	\$0	0.0	\$0	\$0
24	Gold ore and silver ore mining	\$0	0.0	\$0	\$0
25	Other metal ore mining	\$0	0.0	\$0	\$0
26	Stone mining and quarrying	\$1,016	0.0	\$132	\$642
27	Sand and gravel mining	\$4,778	0.0	\$1,000	\$2,461
28	Other clay, ceramic, refractory minerals mining	\$1,136	0.0	\$226	\$326
29	Other nonmetallic mineral mining and quarrying	\$2,530	0.0	\$543	\$1,479
30	Drilling oil and gas wells	\$4	0.0	\$3	\$2
31	Support activities for oil and gas operations	\$537	0.0	\$208	\$344
32	Metal mining services	\$19	0.0	\$3	\$8
33	Other nonmetallic minerals services	\$2	0.0	\$1	\$1
34	Electric power generation - Hydroelectric	\$4,390	0.0	\$969	\$2,218

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
35	Electric power generation - Fossil fuel	\$348,340	0.2	\$34,048	\$177,508
36	Electric power generation - Nuclear	\$197,769	0.2	\$34,660	\$108,654
37	Electric power generation - Solar	\$6,541	0.0	\$1,471	\$3,382
38	Electric power generation - Wind	\$0	0.0	\$0	\$0
39	Electric power generation - Geothermal	\$0	0.0	\$0	\$0
40	Electric power generation - Biomass	\$0	0.0	\$0	\$0
41	Electric power generation - All other	\$0	0.0	\$0	\$0
42	Electric power transmission and distribution	\$1,673,238	1.2	\$157,509	\$651,132
43	Natural gas distribution	\$131,159	0.2	\$24,950	\$77,868
44	Water, sewage, and other systems	\$105,320	0.6	\$32,857	\$48,941
45	Construction of new health care structures	\$0	0.0	\$0	\$0
46	Construction of new manufacturing structures	\$0	0.0	\$0	\$0
47	Construction of new power and communication structures	\$0	0.0	\$0	\$0
48	Construction of new educational and vocational structures	\$0	0.0	\$0	\$0
49	Construction of new highways and streets	\$0	0.0	\$0	\$0
50	Construction of new commercial structures, including farm structures	\$0	0.0	\$0	\$0
51	Construction of other new nonresidential structures	\$0	0.0	\$0	\$0
52	Construction of new single-family residential structures	\$0	0.0	\$0	\$0
53	Construction of new multifamily residential structures	\$0	0.0	\$0	\$0
54	Construction of other new residential structures	\$0	0.0	\$0	\$0
55	Maintenance and repair construction of nonresidential structures	\$431,664	2.6	\$131,085	\$159,413
56	Maintenance and repair construction of residential structures	\$195,454	1.6	\$76,045	\$96,810
57	Maintenance and repair construction of highways, streets, bridges, and tunnels	\$1,773	0.0	\$543	\$666
58	Dog and cat food manufacturing	\$580	0.0	\$52	\$106
59	Other animal food manufacturing	\$25,228	0.0	\$1,239	\$2,586
60	Flour milling	\$1,590	0.0	\$127	\$262
61	Rice milling	\$1,577	0.0	\$149	\$278
62	Malt manufacturing	\$0	0.0	\$0	\$0
63	Wet corn milling	\$0	0.0	\$0	\$0
64	Soybean and other oilseed processing	\$1,306	0.0	\$13	\$74
65	Fats and oils refining and blending	\$0	0.0	\$0	\$0

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
66	Breakfast cereal manufacturing	\$0	0.0	\$0	\$0
67	Beet sugar manufacturing	\$0	0.0	\$0	\$0
68	Sugar cane mills and refining	\$0	0.0	\$0	\$0
69	Nonchocolate confectionery manufacturing	\$0	0.0	\$0	\$0
70	Chocolate and confectionery manufacturing from cacao beans	\$0	0.0	\$0	\$0
71	Confectionery manufacturing from purchased chocolate	\$44	0.0	\$2	\$2
72	Frozen fruits, juices, and vegetables manufacturing	\$0	0.0	\$0	\$0
73	Frozen specialties manufacturing	\$8,659	0.0	\$1,363	\$1,875
74	Canned fruits and vegetables manufacturing	\$35	0.0	\$3	\$5
75	Canned specialties	\$0	0.0	\$0	\$0
76	Dehydrated food products manufacturing	\$79	0.0	\$11	\$13
77	Cheese manufacturing	\$791	0.0	\$45	\$84
78	Dry, condensed, and evaporated dairy product manufacturing	\$0	0.0	\$0	\$0
79	Fluid milk manufacturing	\$10,294	0.0	\$880	\$1,357
80	Creamery butter manufacturing	\$0	0.0	\$0	\$0
81	Ice cream and frozen dessert manufacturing	\$40	0.0	\$2	\$3
82	Frozen cakes and other pastries manufacturing	\$407	0.0	\$77	\$121
83	Poultry processing	\$149,596	0.4	\$22,377	\$30,181
84	Animal, except poultry, slaughtering	\$2,931	0.0	\$249	\$364
85	Meat processed from carcasses	\$18,307	0.0	\$1,770	\$2,203
86	Rendering and meat byproduct processing	\$619	0.0	\$68	\$75
87	Seafood product preparation and packaging	\$15,156	0.0	\$1,344	\$2,142
88	Bread and bakery product, except frozen, manufacturing	\$15,517	0.1	\$3,342	\$5,288
89	Cookie and cracker manufacturing	\$4,447	0.0	\$763	\$1,126
90	Dry pasta, mixes, and dough manufacturing	\$2,304	0.0	\$249	\$566
91	Tortilla manufacturing	\$0	0.0	\$0	\$0
92	Roasted nuts and peanut butter manufacturing	\$2,875	0.0	\$226	\$534
93	Other snack food manufacturing	\$3,895	0.0	\$339	\$756
94	Coffee and tea manufacturing	\$189	0.0	\$15	\$27
95	Flavoring syrup and concentrate manufacturing	\$996	0.0	\$66	\$335
96	Mayonnaise, dressing, and sauce manufacturing	\$0	0.0	\$0	\$0
97	Spice and extract manufacturing	\$2,104	0.0	\$302	\$559
98	All other food manufacturing	\$2,497	0.0	\$332	\$449

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
99	Bottled and canned soft drinks and water	\$51,467	0.1	\$5,898	\$10,908
100	Manufactured ice	\$2,503	0.0	\$851	\$667
101	Breweries	\$1,643	0.0	\$210	\$466
102	Wineries	\$546	0.0	\$89	\$180
103	Distilleries	\$27	0.0	\$2	\$10
104	Tobacco manufacturing	\$0	0.0	\$0	\$0
105	Fiber, yarn, and thread mills	\$19	0.0	\$2	\$3
106	Broadwoven fabric mills	\$150	0.0	\$30	\$50
107	Narrow fabric mills and schiffli machine embroidery	\$0	0.0	\$0	\$0
108	Nonwoven fabric mills	\$1,913	0.0	\$262	\$737
109	Knit fabric mills	\$0	0.0	\$0	\$0
110	Textile and fabric finishing mills	\$98	0.0	\$14	\$26
111	Fabric coating mills	\$36	0.0	\$5	\$11
112	Carpet and rug mills	\$0	0.0	\$0	\$0
113	Curtain and linen mills	\$166	0.0	\$27	\$51
114	Textile bag and canvas mills	\$33	0.0	\$5	\$11
115	Rope, cordage, twine, tire cord and tire fabric mills	\$117	0.0	\$14	\$82
116	Other textile product mills	\$4,684	0.0	\$958	\$2,009
117	Apparel knitting mills	\$55	0.0	\$16	\$27
118	Cut and sew apparel contractors	\$1,170	0.0	\$391	\$391
119	Cut and sew apparel manufacturing (except contractors)	\$8,576	0.1	\$2,184	\$3,727
120	Apparel accessories and other apparel manufacturing	\$210	0.0	\$57	\$86
121	Leather and hide tanning and finishing	\$226	0.0	\$37	\$99
122	Footwear manufacturing	\$0	0.0	\$0	\$0
123	Other leather and allied product manufacturing	\$76	0.0	\$24	\$26
124	Sawmills	\$25,955	0.0	\$3,776	\$7,685
125	Wood preservation	\$3,843	0.0	\$291	\$1,140
126	Veneer and plywood manufacturing	\$5,601	0.0	\$1,014	\$2,398
127	Engineered wood member and truss manufacturing	\$752	0.0	\$96	\$175
128	Reconstituted wood product manufacturing	\$3,376	0.0	\$285	\$1,219
129	Wood windows and door manufacturing	\$1,157	0.0	\$268	\$448
130	Cut stock, resawing lumber, and planing	\$3,404	0.0	\$521	\$1,249
131	Other millwork, including flooring	\$5,555	0.0	\$952	\$2,035
132	Wood container and pallet manufacturing	\$17,108	0.1	\$4,220	\$6,457
133	Manufactured home (mobile home) manufacturing	\$15	0.0	\$3	\$4

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
134	Prefabricated wood building manufacturing	\$2,484	0.0	\$367	\$805
135	All other miscellaneous wood product manufacturing	\$18,301	0.1	\$4,521	\$7,945
136	Pulp mills	\$735	0.0	\$113	\$178
137	Paper mills	\$192,093	0.2	\$26,542	\$58,438
138	Paperboard mills	\$4,101	0.0	\$495	\$1,054
139	Paperboard container manufacturing	\$293,970	0.5	\$39,605	\$62,335
140	Paper bag and coated and treated paper manufacturing	\$932	0.0	\$170	\$281
141	Stationery product manufacturing	\$8,296	0.0	\$1,324	\$1,657
142	Sanitary paper product manufacturing	\$23,532	0.0	\$2,227	\$5,759
143	All other converted paper product manufacturing	\$354	0.0	\$39	\$72
144	Printing	\$96,478	0.7	\$18,104	\$25,704
145	Support activities for printing	\$43	0.0	\$11	\$14
146	Petroleum refineries	\$2,216,439	0.2	\$55,394	\$399,990
147	Asphalt paving mixture and block manufacturing	\$6,489	0.0	\$740	\$970
148	Asphalt shingle and coating materials manufacturing	\$11,001	0.0	\$1,087	\$3,462
149	Petroleum lubricating oil and grease manufacturing	\$31,869	0.0	\$3,616	\$8,711
150	All other petroleum and coal products manufacturing	\$6,347	0.0	\$973	\$3,352
151	Petrochemical manufacturing	\$85,737	0.0	\$2,629	\$12,355
152	Industrial gas manufacturing	\$59,819	0.0	\$4,940	\$7,477
153	Synthetic dye and pigment manufacturing	\$986	0.0	\$152	\$192
154	Other basic inorganic chemical manufacturing	\$11,950	0.0	\$2,115	\$2,950
155	Other basic organic chemical manufacturing	\$2,546	0.0	\$128	\$215
156	Plastics material and resin manufacturing	\$3,794	0.0	\$353	\$489
157	Synthetic rubber manufacturing	\$54	0.0	\$9	\$12
158	Artificial and synthetic fibers and filaments manufacturing	\$13	0.0	\$1	\$2
159	Nitrogenous fertilizer manufacturing	\$1,861	0.0	\$166	\$356
160	Phosphatic fertilizer manufacturing	\$0	0.0	\$0	\$0
161	Fertilizer mixing	\$0	0.0	\$0	\$0
162	Pesticide and other agricultural chemical manufacturing	\$7,005	0.0	\$607	\$1,096
163	Medicinal and botanical manufacturing	\$4	0.0	\$1	\$1
164	Pharmaceutical preparation manufacturing	\$2,783	0.0	\$312	\$533

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
165	In-vitro diagnostic substance manufacturing	\$5	0.0	\$1	\$1
166	Biological product (except diagnostic) manufacturing	\$0	0.0	\$0	\$0
167	Paint and coating manufacturing	\$2,477	0.0	\$329	\$460
168	Adhesive manufacturing	\$1,352	0.0	\$186	\$244
169	Soap and other detergent manufacturing	\$47,791	0.1	\$3,581	\$5,832
170	Polish and other sanitation good manufacturing	\$15,989	0.0	\$2,270	\$3,203
171	Surface active agent manufacturing	\$0	0.0	\$0	\$0
172	Toilet preparation manufacturing	\$985	0.0	\$119	\$207
173	Printing ink manufacturing	\$0	0.0	\$0	\$0
174	Explosives manufacturing	\$0	0.0	\$0	\$0
175	Custom compounding of purchased resins	\$71,360	0.1	\$12,253	\$14,902
176	Photographic film and chemical manufacturing	\$4,412	0.0	\$684	\$1,063
177	Other miscellaneous chemical product manufacturing	\$14,561	0.0	\$2,438	\$3,075
178	Plastics packaging materials and unlaminated film and sheet manufacturing	\$7,037	0.0	\$1,089	\$1,581
179	Unlaminated plastics profile shape manufacturing	\$514	0.0	\$66	\$95
180	Plastics pipe and pipe fitting manufacturing	\$10,810	0.0	\$1,039	\$2,684
181	Laminated plastics plate, sheet (except packaging), and shape manufacturing	\$352	0.0	\$74	\$112
182	Polystyrene foam product manufacturing	\$19,149	0.0	\$2,484	\$3,535
183	Urethane and other foam product (except polystyrene) manufacturing	\$29,388	0.1	\$3,573	\$5,626
184	Plastics bottle manufacturing	\$1,874	0.0	\$281	\$416
185	Other plastics product manufacturing	\$25,488	0.1	\$4,747	\$6,176
186	Tire manufacturing	\$57,581	0.1	\$11,734	\$16,004
187	Rubber and plastics hoses and belting manufacturing	\$55	0.0	\$14	\$20
188	Other rubber product manufacturing	\$1,792	0.0	\$401	\$505
189	Pottery, ceramics, and plumbing fixture manufacturing	\$248	0.0	\$46	\$67
190	Brick, tile, and other structural clay product manufacturing	\$2,020	0.0	\$481	\$793
191	Flat glass manufacturing	\$0	0.0	\$0	\$0
192	Other pressed and blown glass and glassware manufacturing	\$872	0.0	\$228	\$375
193	Glass container manufacturing	\$0	0.0	\$0	\$0

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
194	Glass product manufacturing made of purchased glass	\$6,214	0.0	\$1,411	\$2,068
195	Cement manufacturing	\$804	0.0	\$112	\$285
196	Ready-mix concrete manufacturing	\$28,828	0.1	\$5,218	\$8,586
197	Concrete block and brick manufacturing	\$4,355	0.0	\$809	\$1,514
198	Concrete pipe manufacturing	\$3,426	0.0	\$740	\$1,446
199	Other concrete product manufacturing	\$13,047	0.0	\$3,494	\$5,480
200	Lime manufacturing	\$0	0.0	\$0	\$0
201	Gypsum product manufacturing	\$0	0.0	\$0	\$0
202	Abrasive product manufacturing	\$0	0.0	\$0	\$0
203	Cut stone and stone product manufacturing	\$3,423	0.0	\$1,075	\$1,346
204	Ground or treated mineral and earth manufacturing	\$490	0.0	\$108	\$207
205	Mineral wool manufacturing	\$3,935	0.0	\$603	\$1,467
206	Miscellaneous nonmetallic mineral products manufacturing	\$146	0.0	\$31	\$64
207	Iron and steel mills and ferroalloy manufacturing	\$17,441	0.0	\$1,317	\$4,578
208	Iron, steel pipe and tube manufacturing from purchased steel	\$689	0.0	\$59	\$134
209	Rolled steel shape manufacturing	\$1,802	0.0	\$89	\$503
210	Steel wire drawing	\$330	0.0	\$35	\$78
211	Alumina refining and primary aluminum production	\$0	0.0	\$0	\$0
212	Secondary smelting and alloying of aluminum	\$0	0.0	\$0	\$0
213	Aluminum sheet, plate, and foil manufacturing	\$41	0.0	\$4	\$8
214	Other aluminum rolling, drawing and extruding	\$95	0.0	\$12	\$25
215	Nonferrous metal (except aluminum) smelting and refining	\$1,793	0.0	\$60	\$399
216	Copper rolling, drawing, extruding and alloying	\$1,756	0.0	\$68	\$232
217	Nonferrous metal, except copper and aluminum, shaping	\$275	0.0	\$42	\$79
218	Secondary processing of other nonferrous metals	\$0	0.0	\$0	\$0
219	Ferrous metal foundries	\$1,309	0.0	\$271	\$486
220	Nonferrous metal foundries	\$113	0.0	\$33	\$49
221	Custom roll forming	\$163	0.0	\$13	\$21
222	Metal crown, closure, and other metal stamping (except automotive)	\$1,564	0.0	\$308	\$402
223	Iron and steel forging	\$301	0.0	\$46	\$65
224	Nonferrous forging	\$416	0.0	\$65	\$69

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
225	Cutlery, utensil, pot, and pan manufacturing	\$98	0.0	\$15	\$33
226	Handtool manufacturing	\$287	0.0	\$62	\$82
227	Prefabricated metal buildings and components manufacturing	\$397	0.0	\$61	\$77
228	Fabricated structural metal manufacturing	\$4,352	0.0	\$787	\$1,059
229	Plate work manufacturing	\$2,495	0.0	\$635	\$740
230	Metal window and door manufacturing	\$2,090	0.0	\$339	\$416
231	Sheet metal work manufacturing	\$1,674	0.0	\$371	\$513
232	Ornamental and architectural metal work manufacturing	\$794	0.0	\$198	\$234
233	Power boiler and heat exchanger manufacturing	\$3	0.0	\$1	\$1
234	Metal tank (heavy gauge) manufacturing	\$112	0.0	\$29	\$37
235	Metal cans manufacturing	\$338	0.0	\$38	\$74
236	Metal barrels, drums and pails manufacturing	\$348	0.0	\$65	\$93
237	Hardware manufacturing	\$1,571	0.0	\$230	\$300
238	Spring and wire product manufacturing	\$3,240	0.0	\$665	\$893
239	Machine shops	\$28,010	0.2	\$10,308	\$11,890
240	Turned product and screw, nut, and bolt manufacturing	\$1,243	0.0	\$323	\$385
241	Metal heat treating	\$450	0.0	\$115	\$138
242	Metal coating and nonprecious engraving	\$3,369	0.0	\$827	\$1,404
243	Electroplating, anodizing, and coloring metal	\$502	0.0	\$220	\$243
244	Valve and fittings, other than plumbing, manufacturing	\$994	0.0	\$210	\$298
245	Plumbing fixture fitting and trim manufacturing	\$0	0.0	\$0	\$0
246	Ball and roller bearing manufacturing	\$711	0.0	\$154	\$231
247	Small arms ammunition manufacturing	\$7,093	0.0	\$1,145	\$2,313
248	Ammunition, except for small arms, manufacturing	\$1	0.0	\$0	\$1
249	Small arms, ordnance, and accessories manufacturing	\$2	0.0	\$0	\$0
250	Fabricated pipe and pipe fitting manufacturing	\$189	0.0	\$55	\$73
251	Other fabricated metal manufacturing	\$3,505	0.0	\$728	\$917
252	Farm machinery and equipment manufacturing	\$559	0.0	\$54	\$153

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
253	Lawn and garden equipment manufacturing	\$1,166	0.0	\$124	\$336
254	Construction machinery manufacturing	\$641	0.0	\$73	\$191
255	Mining machinery and equipment manufacturing	\$0	0.0	\$0	\$0
256	Oil and gas field machinery and equipment manufacturing	\$317	0.0	\$60	\$75
257	Semiconductor machinery manufacturing	\$0	0.0	\$0	\$0
258	Food product machinery manufacturing	\$3	0.0	\$1	\$1
259	Sawmill, woodworking, and paper machinery	\$15	0.0	\$4	\$1
260	All other industrial machinery manufacturing	\$8	0.0	\$2	\$3
261	Commercial and service industry machinery manufacturing	\$255	0.0	\$42	\$78
262	Industrial and commercial fan and blower and air purification equipment manufacturing	\$810	0.0	\$156	\$240
263	Heating equipment (except warm air furnaces) manufacturing	\$0	0.0	\$0	\$0
264	Air conditioning, refrigeration, and warm air heating equipment manufacturing	\$101,076	0.2	\$14,209	\$29,450
265	Industrial mold manufacturing	\$191	0.0	\$55	\$71
266	Special tool, die, jig, and fixture manufacturing	\$287	0.0	\$86	\$122
267	Cutting tool and machine tool accessory manufacturing	\$151	0.0	\$30	\$36
268	Machine tool manufacturing	\$52	0.0	\$11	\$18
269	Rolling mill and other metalworking machinery manufacturing	\$4,052	0.0	\$909	\$1,316
270	Turbine and turbine generator set units manufacturing	\$0	0.0	\$0	\$0
271	Speed changer, industrial high-speed drive, and gear manufacturing	\$103	0.0	\$25	\$40
272	Mechanical power transmission equipment manufacturing	\$96	0.0	\$25	\$40
273	Other engine equipment manufacturing	\$3,405	0.0	\$259	\$548
274	Measuring, dispensing, and other pumping equipment manufacturing	\$84	0.0	\$10	\$21
275	Air and gas compressor manufacturing	\$1	0.0	\$0	\$0
276	Elevator and moving stairway manufacturing	\$22	0.0	\$4	\$6
277	Conveyor and conveying equipment manufacturing	\$17	0.0	\$5	\$6

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
278	Overhead cranes, hoists, and monorail systems manufacturing	\$22	0.0	\$3	\$8
279	Industrial truck, trailer, and stacker manufacturing	\$544	0.0	\$87	\$175
280	Power-driven hand tool manufacturing	\$769	0.0	\$78	\$242
281	Welding and soldering equipment manufacturing	\$77	0.0	\$9	\$19
282	Packaging machinery manufacturing	\$19	0.0	\$3	\$6
283	Industrial process furnace and oven manufacturing	\$0	0.0	\$0	\$0
284	Fluid power cylinder and actuator manufacturing	\$110	0.0	\$21	\$29
285	Fluid power pump and motor manufacturing	\$754	0.0	\$116	\$212
286	Scales, balances, and miscellaneous general purpose machinery manufacturing	\$31	0.0	\$7	\$10
287	Electronic computer manufacturing	\$0	0.0	\$0	\$0
288	Computer storage device manufacturing	\$0	0.0	\$0	\$0
289	Computer terminals and other computer peripheral equipment manufacturing	\$423	0.0	\$91	\$35
290	Telephone apparatus manufacturing	\$0	0.0	\$0	\$0
291	Broadcast and wireless communications equipment manufacturing	\$29	0.0	\$4	\$2
292	Other communications equipment manufacturing	\$122	0.0	\$12	\$8
293	Audio and video equipment manufacturing	\$13	0.0	\$1	\$0
294	Printed circuit assembly (electronic assembly) manufacturing	\$14	0.0	\$1	\$0
295	Bare printed circuit board manufacturing	\$11	0.0	\$2	\$1
296	Semiconductor and related device manufacturing	\$79	0.0	\$14	-\$3
297	Capacitor, resistor, coil, transformer, and other inductor manufacturing	\$15	0.0	\$3	\$1
298	Electronic connector manufacturing	\$76	0.0	\$12	\$5
299	Other electronic component manufacturing	\$0	0.0	\$0	\$0
300	Electromedical and electrotherapeutic apparatus manufacturing	\$4	0.0	\$1	\$0
301	Search, detection, and navigation instruments manufacturing	\$5	0.0	\$1	\$1
302	Automatic environmental control manufacturing	\$0	0.0	\$0	\$0

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
303	Industrial process variable instruments manufacturing	\$3	0.0	\$1	\$0
304	Totalizing fluid meter and counting device manufacturing	\$0	0.0	\$0	\$0
305	Electricity and signal testing instruments manufacturing	\$0	0.0	\$0	\$0
306	Analytical laboratory instrument manufacturing	\$6	0.0	\$2	\$1
307	Irradiation apparatus manufacturing	\$0	0.0	\$0	\$0
308	Watch, clock, and other measuring and controlling device manufacturing	\$0	0.0	\$0	\$0
309	Manufacturing and reproducing magnetic and optical media	\$0	0.0	\$0	\$0
310	Electric lamp bulb and part manufacturing	\$2,220	0.0	\$428	\$769
311	Lighting fixture manufacturing	\$289	0.0	\$53	\$87
312	Small electrical appliance manufacturing	\$25	0.0	\$3	\$8
313	Major household appliance manufacturing	\$313	0.0	\$33	\$83
314	Power, distribution, and specialty transformer manufacturing	\$765	0.0	\$168	\$286
315	Motor and generator manufacturing	\$189	0.0	\$34	\$55
316	Switchgear and switchboard apparatus manufacturing	\$74	0.0	\$15	\$27
317	Relay and industrial control manufacturing	\$6	0.0	\$2	\$2
318	Battery manufacturing	\$327	0.0	\$59	\$97
319	Fiber optic cable manufacturing	\$0	0.0	\$0	\$0
320	Other communication and energy wire manufacturing	\$54	0.0	\$6	\$12
321	Wiring device manufacturing	\$2,134	0.0	\$299	\$630
322	Carbon and graphite product manufacturing	\$0	0.0	\$0	\$0
323	All other miscellaneous electrical equipment and component manufacturing	\$1	0.0	\$0	\$0
324	Automobile and light duty motor vehicle manufacturing	\$43,215	0.0	\$3,171	\$6,300
325	Heavy duty truck manufacturing	\$317	0.0	\$31	\$42
326	Motor vehicle body manufacturing	\$2,087	0.0	\$397	\$447
327	Truck trailer manufacturing	\$106	0.0	\$17	\$20
328	Motor home manufacturing	\$5,726	0.0	\$754	\$895
329	Travel trailer and camper manufacturing	\$1,253	0.0	\$140	\$177
330	Motor vehicle gasoline engine and engine parts manufacturing	\$13,272	0.0	\$1,685	\$2,069

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
331	Motor vehicle electrical and electronic equipment manufacturing	\$165,328	0.3	\$20,554	\$24,998
332	Motor vehicle transmission and power train parts manufacturing	\$5,559	0.0	\$714	\$939
333	Motor vehicle seating and interior trim manufacturing	\$6,175	0.0	\$895	\$1,093
334	Motor vehicle metal stamping	\$1,164	0.0	\$206	\$240
335	Other motor vehicle parts manufacturing	\$197,421	0.4	\$29,238	\$37,129
336	Motor vehicle steering, suspension component (except spring), and brake systems manufacturing	\$57,466	0.1	\$10,158	\$11,968
337	Aircraft manufacturing	\$9	0.0	\$2	\$4
338	Aircraft engine and engine parts manufacturing	\$2	0.0	\$0	\$1
339	Other aircraft parts and auxiliary equipment manufacturing	\$6	0.0	\$2	\$3
340	Guided missile and space vehicle manufacturing	\$0	0.0	\$0	\$0
341	Propulsion units and parts for space vehicles and guided missiles manufacturing	\$7	0.0	\$2	\$2
342	Railroad rolling stock manufacturing	\$61	0.0	\$9	\$11
343	Ship building and repairing	\$2,001	0.0	\$619	\$884
344	Boat building	\$2,802	0.0	\$588	\$760
345	Motorcycle, bicycle, and parts manufacturing	\$139	0.0	\$12	\$54
346	Military armored vehicle, tank, and tank component manufacturing	\$75	0.0	\$10	\$25
347	All other transportation equipment manufacturing	\$0	0.0	\$0	\$0
348	Wood kitchen cabinet and countertop manufacturing	\$800	0.0	\$231	\$268
349	Upholstered household furniture manufacturing	\$10,441	0.0	\$2,732	\$3,134
350	Nonupholstered wood household furniture manufacturing	\$491	0.0	\$142	\$160
351	Other household nonupholstered furniture manufacturing	\$62	0.0	\$7	\$10
352	Institutional furniture manufacturing	\$75	0.0	\$18	\$21
353	Wood office furniture manufacturing	\$9	0.0	\$2	\$2
354	Custom architectural woodwork and millwork	\$139	0.0	\$46	\$25
355	Office furniture, except wood, manufacturing	\$184	0.0	\$27	\$42
356	Showcase, partition, shelving, and locker manufacturing	\$680	0.0	\$136	\$171
357	Mattress manufacturing	\$1,555	0.0	\$222	\$331
358	Blind and shade manufacturing	\$39	0.0	\$12	\$6

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
359	Surgical and medical instrument manufacturing	\$1,727	0.0	\$475	\$662
360	Surgical appliance and supplies manufacturing	\$153	0.0	\$33	\$52
361	Dental equipment and supplies manufacturing	\$2	0.0	\$1	\$1
362	Ophthalmic goods manufacturing	\$150	0.0	\$39	\$64
363	Dental laboratories	\$83	0.0	\$37	\$40
364	Jewelry and silverware manufacturing	\$896	0.0	\$80	\$203
365	Sporting and athletic goods manufacturing	\$429	0.0	\$87	\$131
366	Doll, toy, and game manufacturing	\$635	0.0	\$95	\$209
367	Office supplies (except paper) manufacturing	\$2,818	0.0	\$369	\$480
368	Sign manufacturing	\$34,402	0.2	\$12,269	\$12,806
369	Gasket, packing, and sealing device manufacturing	\$572	0.0	\$199	\$234
370	Musical instrument manufacturing	\$138	0.0	\$48	\$49
371	Fasteners, buttons, needles, and pins manufacturing	\$0	0.0	\$0	\$0
372	Broom, brush, and mop manufacturing	\$147,144	0.6	\$26,408	\$51,797
373	Burial casket manufacturing	\$277	0.0	\$79	\$113
374	All other miscellaneous manufacturing	\$4,262	0.0	\$854	\$1,073
375	Wholesale - Motor vehicle and motor vehicle parts and supplies	\$590,779	1.6	\$123,196	\$269,172
376	Wholesale - Professional and commercial equipment and supplies	\$358,984	1.4	\$142,335	\$186,422
377	Wholesale - Household appliances and electrical and electronic goods	\$346,180	0.6	\$48,178	\$140,698
378	Wholesale - Machinery, equipment, and supplies	\$347,022	1.4	\$117,873	\$187,399
379	Wholesale - Other durable goods merchant wholesalers	\$684,691	2.2	\$172,180	\$331,825
380	Wholesale - Drugs and druggists' sundries	\$310,604	0.4	\$53,905	\$140,452
381	Wholesale - Grocery and related product wholesalers	\$375,681	1.6	\$109,670	\$182,062
382	Wholesale - Petroleum and petroleum products	\$873,709	0.5	\$46,750	\$744,725
383	Wholesale - Other nondurable goods merchant wholesalers	\$860,981	2.4	\$162,231	\$423,868
384	Wholesale - Wholesale electronic markets and agents and brokers	\$61,300	1.2	\$116,998	\$36,781
385	Retail - Motor vehicle and parts dealers	\$2,880,298	14.9	\$956,403	\$2,042,693
386	Retail - Furniture and home furnishings stores	\$190,628	1.6	\$55,347	\$163,264

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
387	Retail - Electronics and appliance stores	\$71,512	1.4	\$55,638	\$65,917
388	Retail - Building material and garden equipment and supplies stores	\$879,121	6.7	\$286,271	\$743,897
389	Retail - Food and beverage stores	\$557,539	6.4	\$195,540	\$380,250
390	Retail - Health and personal care stores	\$470,278	4.1	\$181,363	\$355,347
391	Retail - Gasoline stores	\$344,543	2.6	\$118,854	\$234,777
392	Retail - Clothing and clothing accessories stores	\$426,979	4.0	\$76,875	\$212,313
393	Retail - Sporting goods, hobby, musical instrument and book stores	\$144,401	2.6	\$48,871	\$107,313
394	Retail - General merchandise stores	\$961,135	11.1	\$372,659	\$651,576
395	Retail - Miscellaneous store retailers	\$320,735	5.8	\$112,085	\$158,617
396	Air transportation	\$126,885	0.3	\$35,101	\$53,887
397	Rail transportation	\$209,697	0.3	\$44,810	\$136,737
398	Water transportation	\$84,866	0.1	\$15,396	\$30,631
399	Truck transportation	\$1,538,259	8.2	\$420,047	\$626,368
400	Transit and ground passenger transportation	\$106,920	2.2	\$30,575	\$42,487
401	Pipeline transportation	\$69,905	0.1	\$15,398	\$28,291
402	Scenic and sightseeing transportation and support activities for transportation	\$168,251	2.0	\$145,134	\$122,470
403	Couriers and messengers	\$257,975	5.2	\$119,142	\$233,634
404	Warehousing and storage	\$1,510,529	16.6	\$892,272	\$945,972
405	Newspaper publishers	\$74,260	0.5	\$30,379	\$41,172
406	Periodical publishers	\$37,066	0.2	\$12,229	\$16,525
407	Book publishers	\$6,477	0.0	\$1,303	\$2,165
408	Directory, mailing list, and other publishers	\$4,120	0.0	\$1,540	\$2,035
409	Greeting card publishing	\$0	0.0	\$0	\$0
410	Software publishers	\$442,365	1.4	\$128,435	\$176,897
411	Motion picture and video industries	\$112,568	0.6	\$13,650	\$25,469
412	Sound recording industries	\$47,442	0.1	\$4,007	\$15,369
413	Radio and television broadcasting	\$587,992	2.0	\$143,866	\$125,483
414	Cable and other subscription programming	\$100,242	0.1	\$8,487	\$16,816
415	Wired telecommunications carriers	\$1,091,704	2.8	\$174,305	\$367,508
416	Wireless telecommunications carriers (except satellite)	\$1,871,602	1.0	\$57,457	\$523,075
417	Satellite, telecommunications resellers, and all other telecommunications	\$68,586	0.2	\$14,081	\$27,587
418	Data processing, hosting, and related services	\$1,136,212	4.2	\$278,442	\$454,085
419	News syndicates, libraries, archives and all other information services	\$3,350	0.1	\$3,072	\$3,152

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
420	Internet publishing and broadcasting and web search portals	\$240,157	0.3	\$11,678	\$47,395
421	Nondepository credit intermediation and related activities	\$699,131	2.7	\$172,110	\$259,524
422	Securities and commodity contracts intermediation and brokerage	\$327,285	4.7	\$64,587	\$62,110
423	Monetary authorities and depository credit intermediation	\$2,569,059	7.6	\$601,333	\$1,517,545
424	Other financial investment activities	\$375,656	2.5	\$33,328	\$39,760
425	Direct life insurance carriers	\$171,077	0.6	\$34,822	\$84,027
426	Insurance carriers, except direct life	\$1,476,351	3.0	\$178,055	\$658,154
427	Insurance agencies, brokerages, and related activities	\$1,902,901	7.1	\$388,472	\$777,138
428	Funds, trusts, and other financial vehicles	\$261,624	2.0	\$39,026	\$50,482
429	Other real estate	\$6,474,875	35.6	\$898,343	\$2,622,085
430	Tenant-occupied housing	\$503,774	2.1	\$56,250	\$449,027
431	Owner-occupied housing	\$4,554,081	0.0	\$0	\$4,017,875
432	Automotive equipment rental and leasing	\$531,838	1.2	\$64,789	\$323,148
433	General and consumer goods rental except video tapes and discs	\$1,501,347	9.9	\$457,396	\$819,496
434	Video tape and disc rental	\$1,776	0.0	\$390	\$1,159
435	Commercial and industrial machinery and equipment rental and leasing	\$945,126	1.5	\$107,813	\$582,632
436	Lessors of nonfinancial intangible assets	\$496,549	0.1	\$1,528	\$289,793
437	Legal services	\$891,751	5.7	\$375,304	\$661,784
438	Accounting, tax preparation, bookkeeping, and payroll services	\$957,063	9.2	\$528,678	\$609,243
439	Architectural, engineering, and related services	\$637,145	4.2	\$311,298	\$356,822
440	Specialized design services	\$19,554	0.1	\$5,629	\$10,299
441	Custom computer programming services	\$80,859	0.9	\$56,808	\$46,996
442	Computer systems design services	\$381,773	2.6	\$190,201	\$200,004
443	Other computer related services, including facilities management	\$116,909	0.8	\$60,044	\$63,410
444	Management consulting services	\$545,436	4.8	\$303,353	\$317,445
445	Environmental and other technical consulting services	\$346,718	2.4	\$166,459	\$174,171
446	Scientific research and development services	\$186,284	0.8	\$55,648	\$73,743
447	Advertising, public relations, and related services	\$582,922	4.0	\$177,345	\$284,863
448	Photographic services	\$53,469	0.3	\$11,240	\$25,343
449	Veterinary services	\$58,623	0.6	\$28,755	\$36,478
450	All other miscellaneous professional, scientific, and technical services	\$247,158	1.3	\$89,757	\$127,186

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
451	Management of companies and enterprises	\$2,746,442	12.7	\$1,291,172	\$1,592,285
452	Office administrative services	\$308,589	5.1	\$208,715	\$150,503
453	Facilities support services	\$207,354	1.5	\$51,878	\$69,707
454	Employment services	\$6,072,810	74.0	\$2,170,232	\$3,056,484
455	Business support services	\$636,856	9.5	\$292,472	\$256,195
456	Travel arrangement and reservation services	\$50,153	0.2	\$8,754	\$13,382
457	Investigation and security services	\$343,124	7.7	\$195,654	\$186,005
458	Services to buildings	\$125,723,761	1,659.0	\$37,432,806	\$47,088,445
459	Landscape and horticultural services	\$596,604	6.0	\$188,424	\$281,694
460	Other support services	\$406,675	2.9	\$98,426	\$169,132
461	Waste management and remediation services	\$1,103,203	3.9	\$247,898	\$435,882
462	Elementary and secondary schools	\$76,856	2.2	\$68,115	\$60,446
463	Junior colleges, colleges, universities, and professional schools	\$146,823	2.4	\$76,758	\$96,745
464	Other educational services	\$237,844	2.6	\$120,722	\$129,233
465	Offices of physicians	\$1,297,778	8.7	\$838,872	\$810,615
466	Offices of dentists	\$336,026	2.6	\$172,403	\$275,015
467	Offices of other health practitioners	\$332,841	2.8	\$179,152	\$272,404
468	Outpatient care centers	\$240,945	1.8	\$117,154	\$141,965
469	Medical and diagnostic laboratories	\$66,940	0.4	\$28,704	\$48,567
470	Home health care services	\$225,843	2.8	\$170,208	\$180,064
471	Other ambulatory health care services	\$99,439	0.9	\$61,207	\$54,696
472	Hospitals	\$1,534,772	8.2	\$652,592	\$793,099
473	Nursing and community care facilities	\$413,465	4.8	\$211,186	\$235,822
474	Residential mental health, substance abuse, and other residential care facilities	\$70,664	1.0	\$39,755	\$44,166
475	Individual and family services	\$230,936	5.8	\$155,012	\$145,348
476	Child day care services	\$161,268	2.7	\$76,102	\$94,400
477	Community food, housing, and other relief services, including rehabilitation services	\$99,115	1.2	\$31,801	\$33,940
478	Performing arts companies	\$67,757	0.9	\$13,939	\$17,372
479	Commercial sports except racing	\$33,348	1.5	\$32,309	\$8,622
480	Racing and track operation	\$489	0.0	\$813	-\$833
481	Independent artists, writers, and performers	\$204,618	1.8	\$26,967	\$35,695
482	Promoters of performing arts and sports and agents for public figures	\$124,395	1.2	\$17,571	\$20,572
483	Museums, historical sites, zoos, and parks	\$14,699	0.2	\$5,309	\$5,763
484	Amusement parks and arcades	\$9,826	0.1	\$2,215	\$7,698

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
485	Gambling industries (except casino hotels)	\$119,698	0.7	\$27,954	\$74,615
486	Other amusement and recreation industries	\$126,701	1.4	\$56,168	\$89,137
487	Fitness and recreational sports centers	\$71,142	1.1	\$31,923	\$43,665
488	Bowling centers	\$7,008	0.1	\$2,927	\$3,989
489	Hotels and motels, including casino hotels	\$13,374	0.1	\$4,563	\$8,690
490	Other accommodations	\$25,400	0.3	\$8,723	\$14,219
491	Full-service restaurants	\$1,505,864	17.5	\$449,104	\$753,229
492	Limited-service restaurants	\$1,569,445	15.7	\$346,009	\$649,623
493	All other food and drinking places	\$612,117	8.2	\$254,811	\$383,099
494	Automotive repair and maintenance, except car washes	\$1,175,191	9.5	\$425,437	\$712,185
495	Car washes	\$160,323	1.6	\$57,725	\$88,360
496	Electronic and precision equipment repair and maintenance	\$1,083,644	8.2	\$372,575	\$636,245
497	Commercial and industrial machinery and equipment repair and maintenance	\$2,671,014	24.0	\$1,214,342	\$1,426,706
498	Personal and household goods repair and maintenance	\$1,784,575	9.2	\$405,188	\$984,537
499	Personal care services	\$90,283	2.4	\$48,202	\$51,039
500	Death care services	\$30,354	0.7	\$15,721	\$17,203
501	Dry-cleaning and laundry services	\$121,081	3.8	\$78,558	\$84,861
502	Other personal services	\$107,929	1.6	\$36,311	\$58,352
503	Religious organizations	\$156,833	2.7	\$119,349	\$111,347
504	Grantmaking, giving, and social advocacy organizations	\$114,123	0.5	\$26,370	\$78,028
505	Business and professional associations	\$134,366	0.5	\$29,491	\$91,163
506	Labor and civic organizations	\$53,853	0.4	\$15,551	\$35,958
507	Private households	\$32,481	2.0	\$32,481	\$32,481
508	Postal service	\$181,311	1.8	\$159,058	\$164,828
509	Federal electric utilities	\$92,579	0.1	\$17,222	\$15,285
510	Other federal government enterprises	\$4,505	0.2	\$13,028	-\$14,792
511	State government passenger transit	\$0	0.0	\$0	\$0
512	State government electric utilities	\$0	0.0	\$0	\$0
513	Other state government enterprises	\$27,856	0.1	\$9,732	\$10,152
514	Local government passenger transit	\$11,036	0.3	\$8,674	\$3,807
515	Local government electric utilities	\$110,460	0.2	\$12,649	\$12,863
516	Other local government enterprises	\$933,417	2.3	\$154,179	\$322,393
517	* Not an industry (Used and secondhand goods)	\$0	0.0	\$0	\$0
518	* Not an industry (Scrap)	\$0	0.0	\$0	\$0

Industry #	Industry Title	Output	Employment	Labor Income	Gross State Product
519	* Not an industry (Rest of world adjustment)	\$0	0.0	\$0	\$0
520	* Not an industry (Noncomparable foreign imports)	\$0	0.0	\$0	\$0
521	* Employment and payroll of state govt, education	\$0	0.0	\$0	\$0
522	* Employment and payroll of state govt, hospitals and health services	\$0	0.0	\$0	\$0
523	* Employment and payroll of state govt, other services	\$0	0.0	\$0	\$0
524	* Employment and payroll of local govt, education	\$0	0.0	\$0	\$0
525	* Employment and payroll of local govt, hospitals and health services	\$0	0.0	\$0	\$0
526	* Employment and payroll of local govt, other services	\$0	0.0	\$0	\$0
527	* Employment and payroll of federal govt, military	\$0	0.0	\$0	\$0
528	* Employment and payroll of federal govt, non-military	\$0	0.0	\$0	\$0
Total		\$215,558,146	2,213	\$62,338,208	\$93,604,384



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